

ABSTRACT

MAPPING DATA FROM MULTIPLE DATA SOURCES INTO A SINGLE SOFTWARE COMPONENT

A method, apparatus and article of manufacture is provided for mapping data objects residing in multiple data sources, or generated dynamically, into a single, reusable software component, for integrated information access to multiple disparate data sources, residing on or generating the data dynamically on different hardware systems and possibly in different data formats. The method has steps for identifying data objects in multiple data sources, employing an information integration software facility for connecting to the data sources containing the data objects, and registering the data objects with the software facility, creating a single virtual data object consolidating multiple attributes from the registered data objects, and establishing a connection to the software facility for referencing the virtual data object as though it was a single real data object. It also has a step for wrapping this virtual data object as a reusable software component accessible directly from applications.